
New Combinations in *Urceola* (Apocynaceae)

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ABSTRACT. Seven new combinations in *Urceola*, *U. xylinabariopsoides*, *U. huaitingii*, *U. micrantha*, *U. quintaretii*, *U. tournieri*, *U. rosea*, and *U. linearicarpa*, are proposed.

In a forthcoming paper in *Kew Bulletin*, the relationships between *Urceola* Roxburgh, *Ecdysanthera* Hooker & Arnott, *Parabarium* Pierre ex Spire, *Xylinabaria* Pierre, and *Xylinabariopsis* Pitard will be discussed, and the conclusion reached that these genera are not distinguishable (Middleton, in press). A revision of *Urceola* in Thailand, with the generic name *Urceola* taking priority, will be presented.

The problem now arises that there are no combinations in *Urceola* for those species of *Ecdysanthera* that are to appear in the account of the Apocynaceae for the *Flora of China*. This paper seeks to rectify this situation until such a time as the entire genus can be satisfactorily revised.

Urceola xylinabariopsoides (Tsiang) D. J. Middleton, comb. nov. Basionym: *Chunechites xylinabariopsoides* Tsiang, Sunyatsenia 3: 306. 1937. TYPE: China. Hainan: Lok-tung, 9 June 1936, S. K. Lau 27035 (holotype, SYS).

Urceola huaitingii (Chun & Tsiang) D. J. Middleton, comb. nov. Basionym: *Parabarium huaitingii* Chun & Tsiang, J. Arnold Arbor. 28: 245. 1947. TYPE: China. Guangxi (as Kwangsi): Shih-Wan-Ta Shan, Hsiang-Tze, 30 Apr. 1944, S. H. Chun 5027 (holotype, SYS).

Urceola micrantha (Wallich ex G. Don) D. J. Middleton, comb. nov. Basionym: *Echites mi-*

crantha Wallich ex G. Don, Gen. Hist. 4: 75. 1837. TYPE: India. Pundua, Wallich 1667 (lectotype, selected by Lý (1978), CGE).

Urceola quintaretii (Pierre) D. J. Middleton, comb. nov. Basionym: *Ecdysanthera quintaretii* Pierre, Rev. Cult. Colon. 11: 228. 1902. TYPE: Laos. Camon, Tournier? 6618 (lectotype, selected by Lý (1978), P).

Urceola tournieri (Pierre) D. J. Middleton, comb. nov. Basionym: *Ecdysanthera tournieri* Pierre, Rev. Cult. Colon. 11: 228. 1902. TYPE: N Laos. Tran-ninh, Tournier 6613 (lectotype, selected here, P).

Urceola rosea (Hooker & Arnott) D. J. Middleton, comb. nov. Basionym: *Ecdysanthera rosea* Hooker & Arnott, Bot. Beechy Voy. 198. 1836. TYPE: China. Vachel 144 (lectotype, selected here, K).

Urceola linearicarpa (Pierre) D. J. Middleton, comb. nov. Basionym: *Ecdysanthera linearicarpa* Pierre, Rev. Cult. Colon. 11: 228. 1902. TYPE: N Laos. Tran-ninh, Tournier 6615 (lectotype, selected by Lý (1978), P).

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Literature Cited

- Lý, T. D. 1978. Beiträge zur Kenntnis der Sippenstruktur des Genus *Parabarium* Pierre ex Spire (Apocynaceae). Feddes Repert. 89: 205–292.
Middleton, D. A revision of *Urceola* (Apocynaceae) in Thailand. Kew Bull. 49(4) (in press).